

FIG. 1

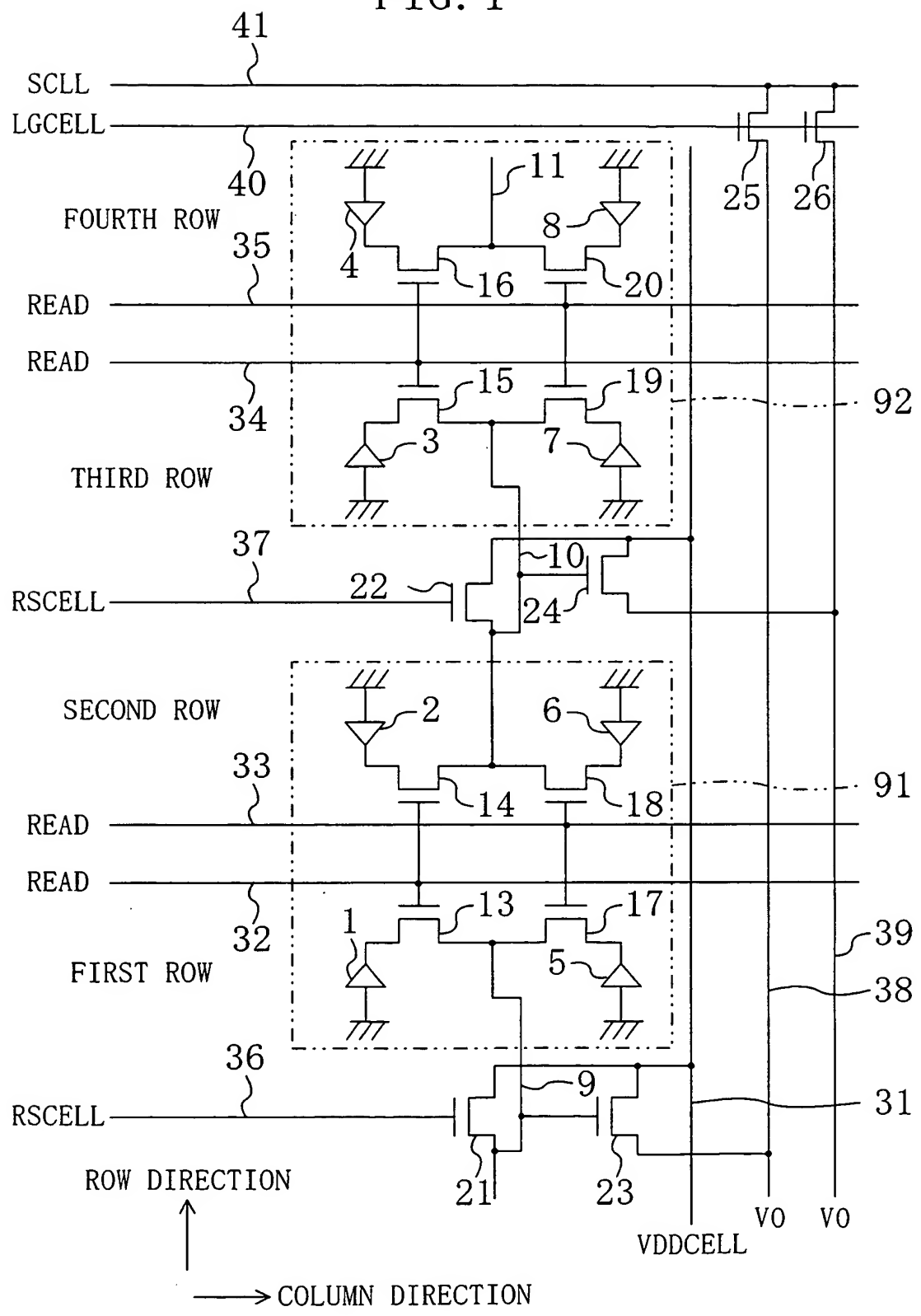


FIG. 2

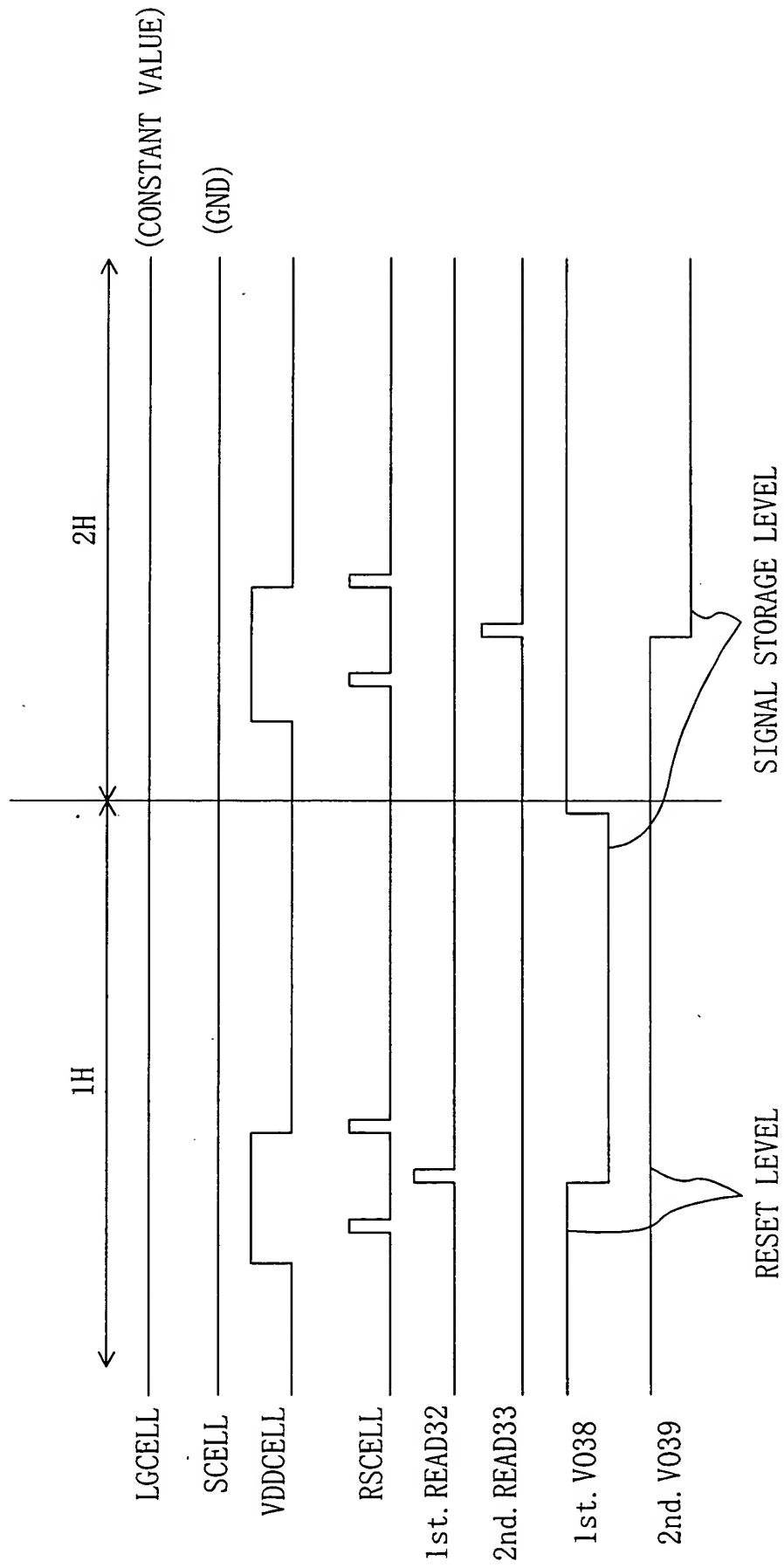


FIG. 3

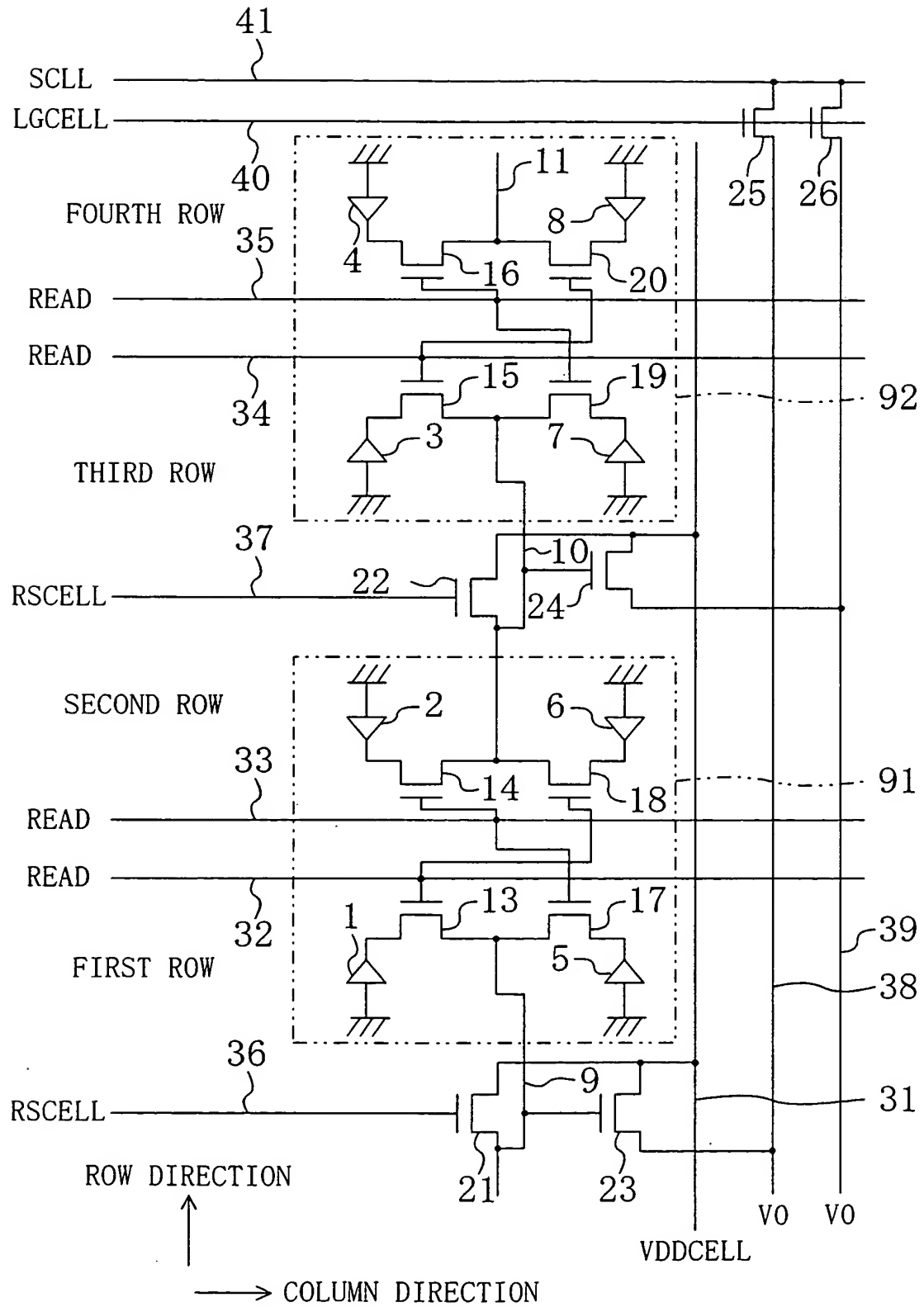


FIG. 4

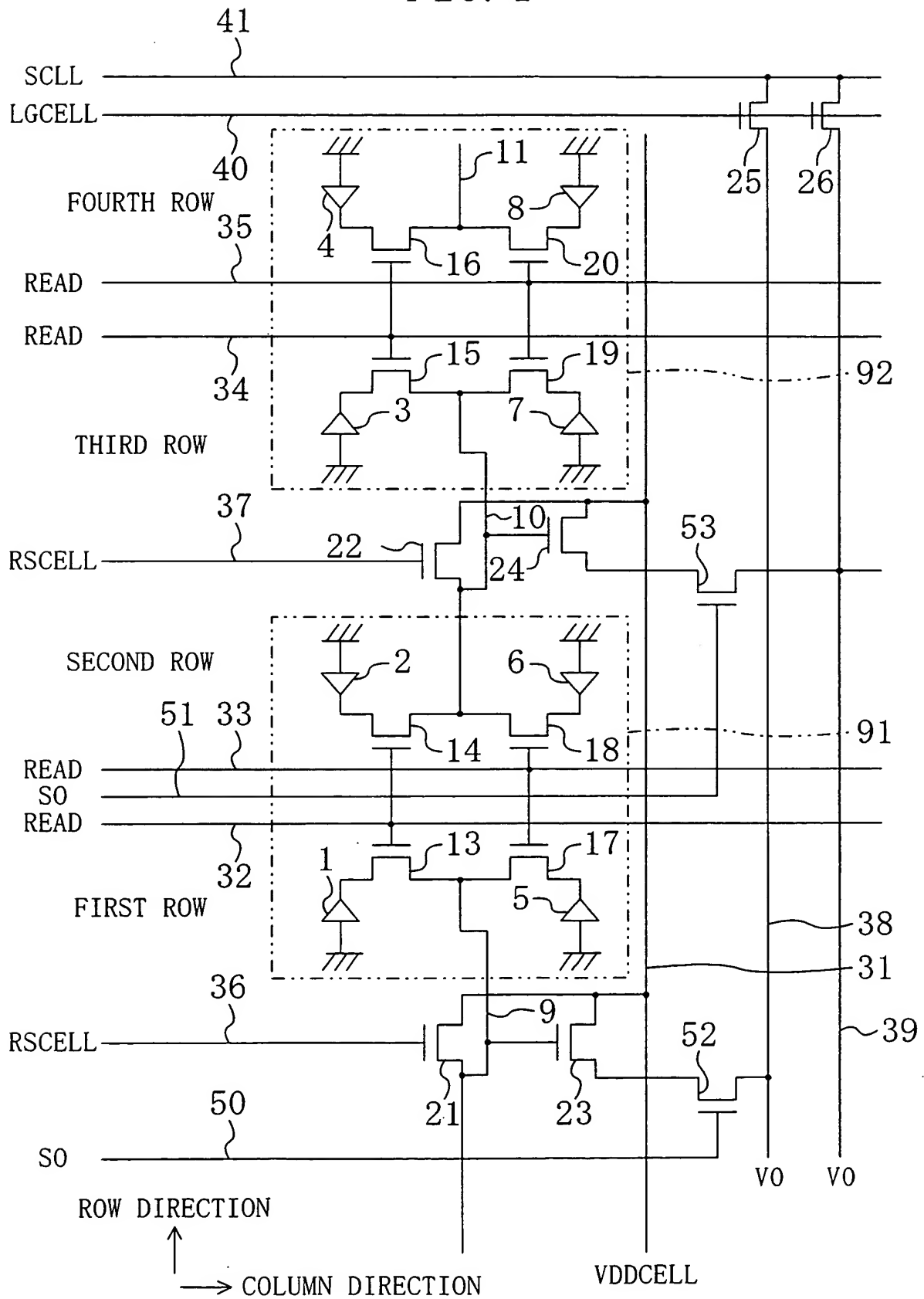


FIG. 5

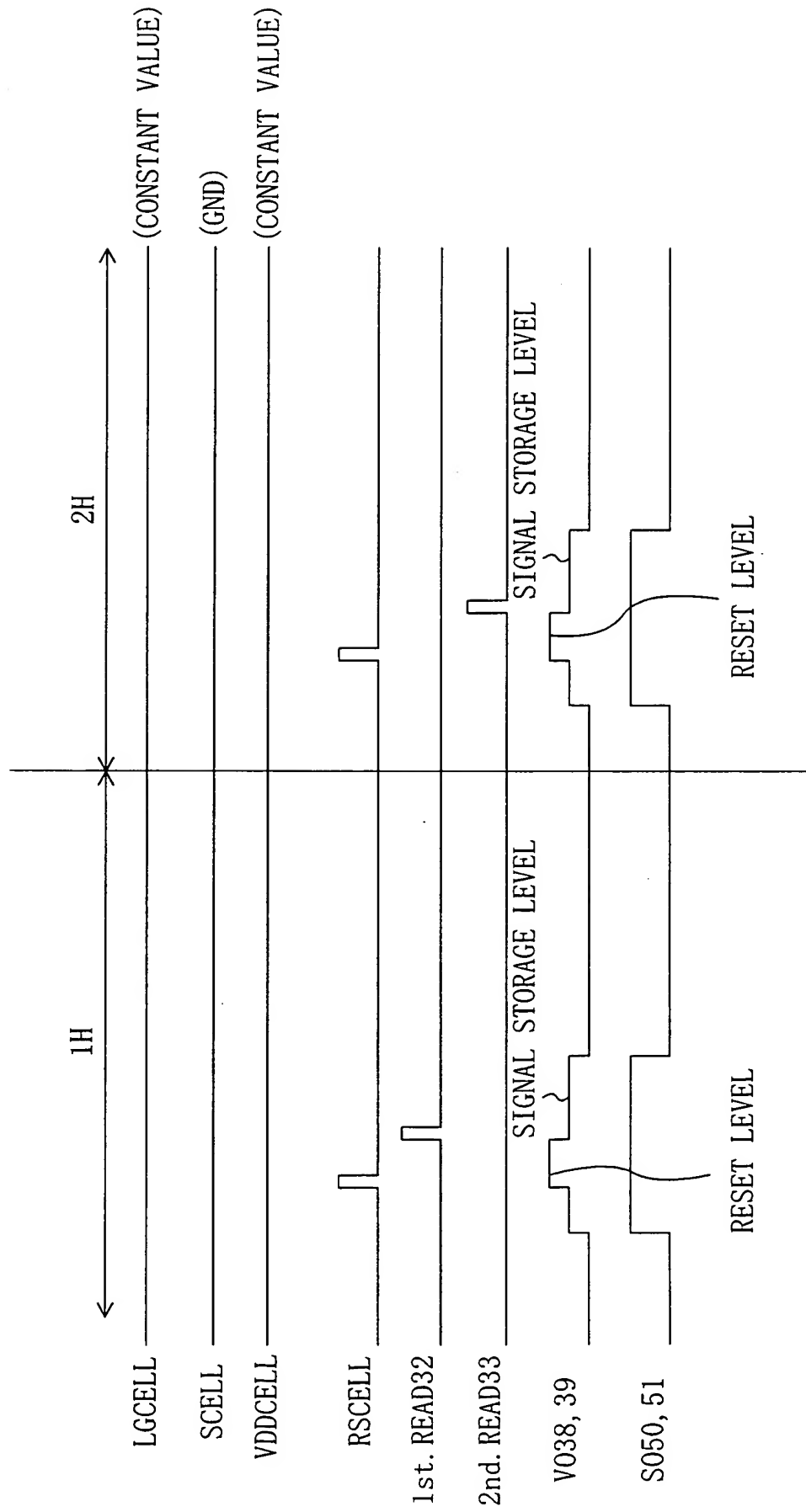


FIG. 6

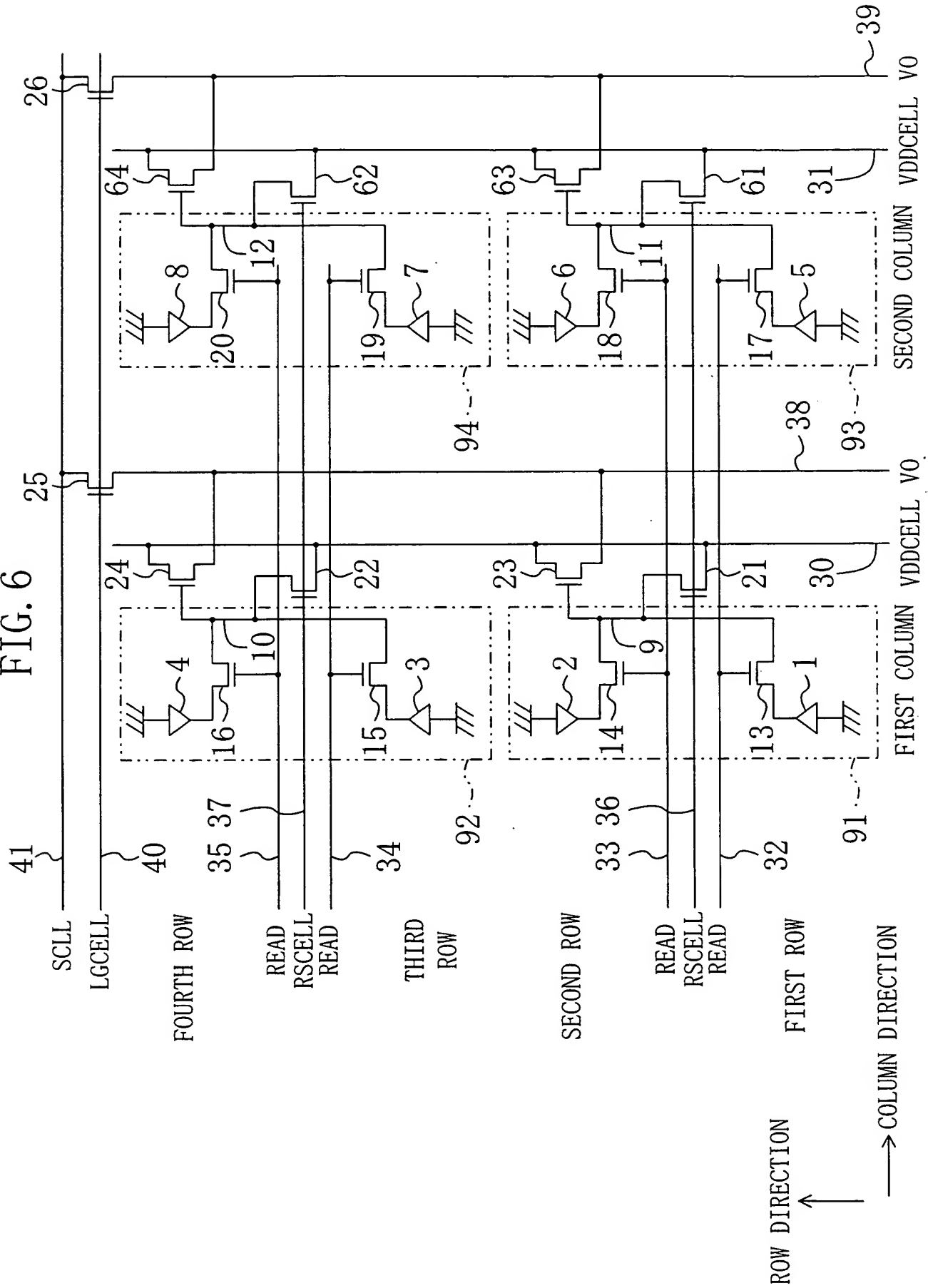


FIG. 7

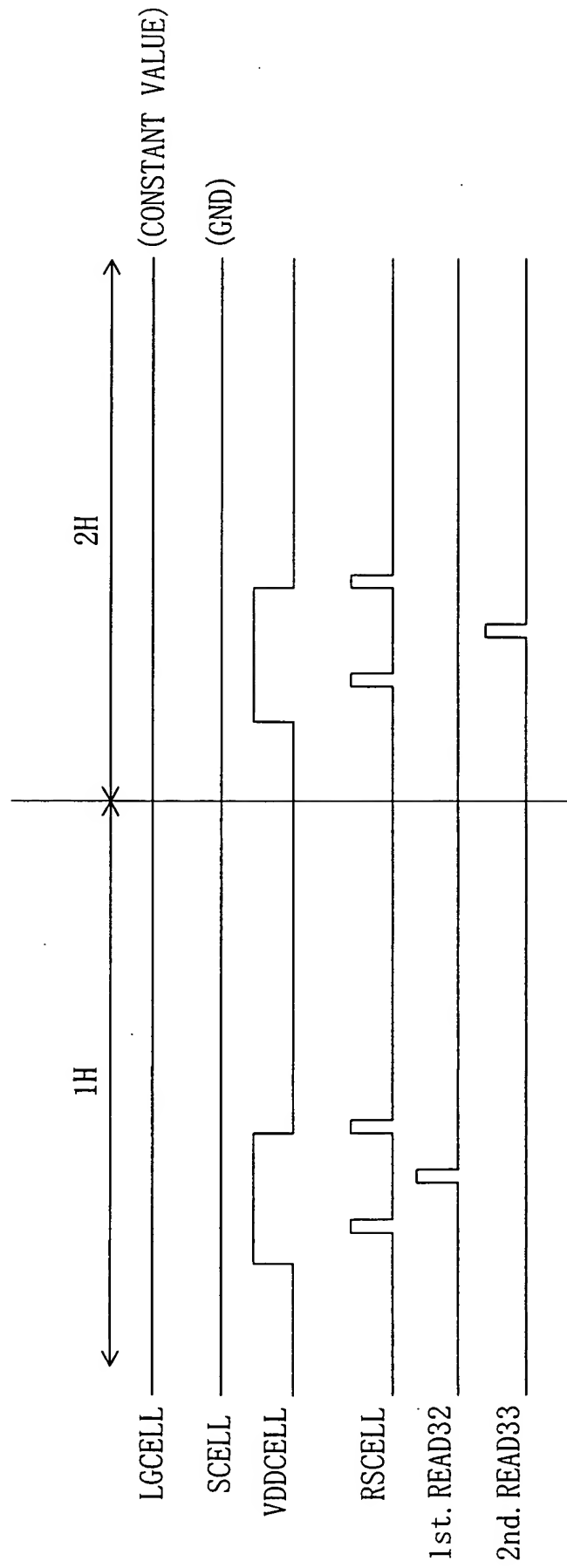


FIG. 8

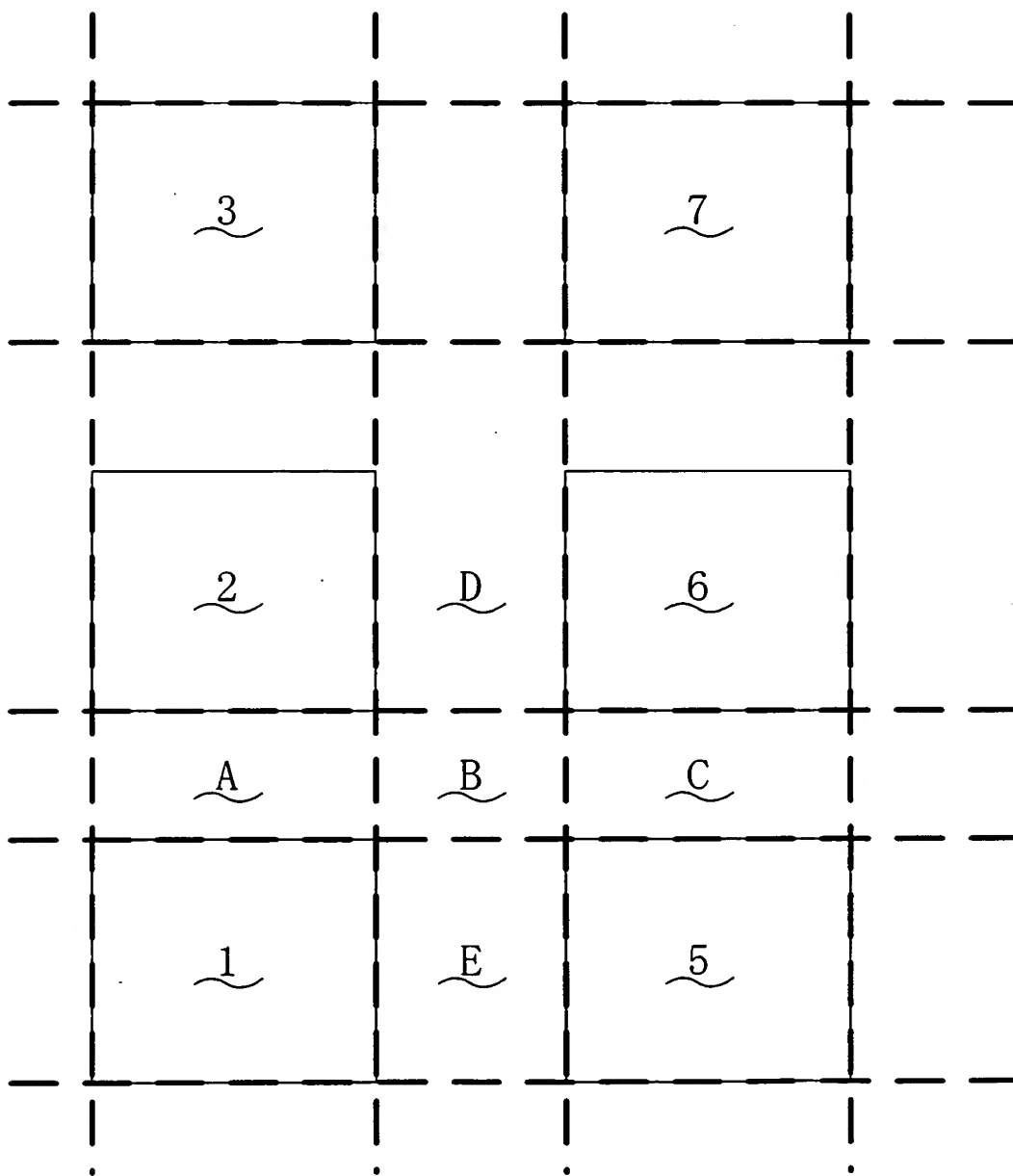




FIG. 9

FD SECTION	PIXEL AMPLIFIER	RESET GATE	APERTURE RATIO
A REGION, B REGION, C REGION	A REGION, B REGION, C REGION	A REGION, B REGION, C REGION	10%
		D REGION, B REGION, E REGION	25%
	D REGION, B REGION, E REGION	A REGION, B REGION, C REGION	20%
		D REGION, B REGION, E REGION	35%
D REGION, B REGION, E REGION	A REGION, B REGION, C REGION	A REGION, B REGION, C REGION	20%
		D REGION, B REGION, E REGION	20%
	D REGION, B REGION, E REGION	A REGION, B REGION, C REGION	20%
		D REGION, B REGION, E REGION	20%

FIG. 10

PRIOR ART

